

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000144

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: A61D 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

CAPRI IPC: A61D 7/00, A61D 7/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU IPC: A61D 7/00, 7/02, 7/04, 19/00

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: a61d a61b a61m a01k orifice passage cavity anus anal mouth throat vagina nostril nose nare rectum bowel animal cow cattle livestock sheep horse pig goat deer doe resilient flex bend plastic elastic deflect bias rod probe finger insert prong post arm elongate dispense inject infuse emplace bolus release transport anchor secure harness position locate frame guide emplace brace fork insert

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1476500 A (EMONTS) 4 December 1923 Entire document	1-3,6-8,16-19,21,22,30-32,35-38, 40, 48,51,52
Y		1-7,12,16-29,33-44,48-52
X	US 4502417 A (JENKINS) 5 March 1985 Entire document	1,2,16,18,20, 38-42



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
8 December 2004

Date of mailing of the international search report

17 DEC 2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BE 861376 A (CROSSET) 16 March 1978 Figures	1-7,12,16-29,33-44,48-52
A	BE 1007090 A6 (VERDRONCKEN) 14 March 1995 Figures	
A	US 3422814 A (LLOYD) 21 January 1969 Figures	
A	DERWENT SOVIET INVENTIONS ILLUSTRATED, Section X, Miscellaneous, Volume V, No 2, page 3, SU 370944 (BOGACHENKO et al) 17 February 1973	
A	DE 3120409 A1 (RHEINTECHNIK WEILAND & KASPAR KG) 9 December 1982 Figures 1 and 3	
A	WO 1999043269 A2 (GIBSON et al) 2 September 1999 Figures 1, 2 and 6	
P,A	US 6647928 B1 (SPILLER) 18 November 2003 Figures 1 and 7	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/NZ2004/000144**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	4502417	NO	FAMILY		
BE	861376	NO	FAMILY		
BE	1007090	NO	FAMILY		
US	3422814	NO	FAMILY		
SU	370944	NO	FAMILY		
DE	3120409	NO	FAMILY		
WO	9943269	AU	32795/99	CA	2355772
		NZ	506804	US	6669682
EP	1091703				
US	6647928	NO	FAMILY		
US	1476500	NO	FAMILY		

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX